

4^EBRIGHTspark

ISSUE 10 // DECEMBER15

EFFICIENT EQUIPMENT NEWS

4E is a multi-governmental initiative established in 2008 to support the development of policies for energy efficient equipment. BRIGHT SPARK is produced by the IEA Implementing Agreement for Energy Efficient End-use Equipment (4E) on behalf of member governments, Australia, Austria, Canada, Denmark, France, Japan, Korea, The Netherlands, Switzerland, Sweden, UK, USA.



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ENERGY EFFICIENCY

TAKES CENTRE STAGE

AT COP21



Photograph courtesy of The Sustainable Innovation Forum 2015

The key role of energy efficiency in meeting climate objectives has been highlighted in 2 recent reports, released on the eve of COP21.

- In the IEA's bridge to a low-carbon world, **50% of savings result from energy efficiency.** 'Energy Matters' identifies 5 key actions to peak then reduce global emissions.

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- According to a report from Fraunhofer ISI, **the world's largest and fastest-growing economies can help limit global warming to 2°C** for significantly lower costs by prioritizing energy efficiency in the transport, buildings, and industrial sectors. It estimates that annual savings range from 0.1% to 0.4% of annual GDP and are not sensitive to macroeconomic shifts or to changes in fuel price.

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“Last year, the global economy grew while global carbon emissions from burning fossil fuels stayed flat.

And what this means can't be overstated.

We have broken the old arguments for inaction.

We have proved that strong economic growth and a safer environment no longer have to conflict with one another;
they can work in concert with one another.”

Remarks by President Obama at the First Session of COP21

RECENT HIGHLIGHTS



EDNA MEETS JAPANESE SMART DEVICE INDUSTRY

The Japanese CEATEC exhibition provided a great opportunity for EDNA to meet with local government and industry in October 2015 to discuss energy efficiency in smart devices.

[LEARN MORE](#)



Lights, camera, action!



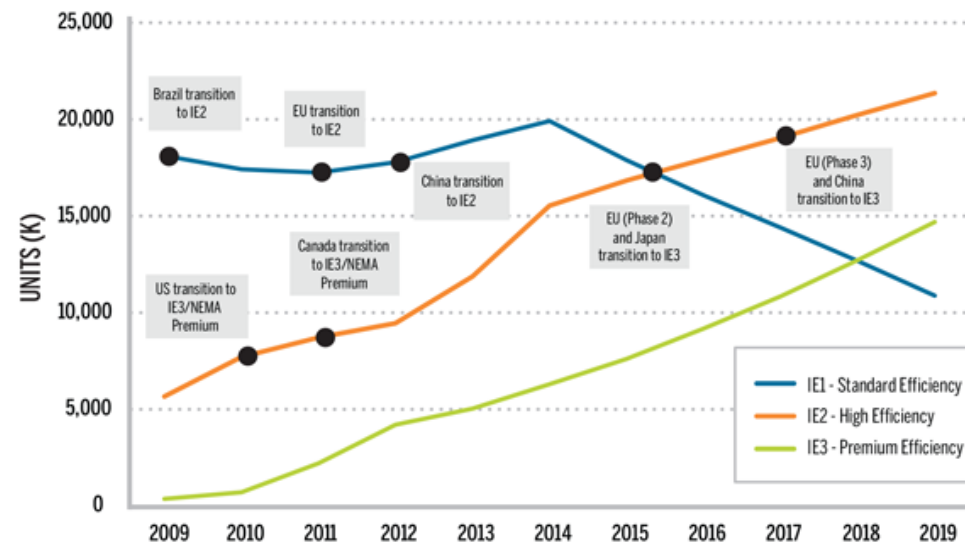
G20 and connected devices

Watch the new, two minute animated video to learn all about the current activities and focus of the SSL Annex!

[LEARN MORE](#)

The 2015 report from the Connected Devices Alliance under the G20 process includes a description of activities and a series of recommendations to governments.

[DOWNLOAD REPORT](#)



The road to more comprehensive motor policies

How do we unlock the huge potential savings from motor systems? The new 4E roadmap for electric motors & variable frequency drives highlights the steps from policies for simple motors to those for more complex motor driven units.

[DOWNLOAD REPORT](#)

For further information on motor efficiency, download EMSA's 3 new policy briefs:

DOWNLOAD POLICY BRIEF:
ANNEX OVERVIEW

DOWNLOAD POLICY BRIEF:
POLICY GUIDELINES

DOWNLOAD POLICY BRIEF:
MOTOR SYSTEMS TOOL

Global energy efficiency (EE) investments since 1990
have avoided more than 870 MtCO₂-e in 2014,
while reducing fuel costs by USD550 billion.

IEA Energy Efficiency Market Report 2015

FORTHCOMING EVENTS



21st Century Standards and Labelling Programmes

This workshop on the **15 and 16 December 2015 at the IEA in Paris** will explore how innovative technologies can be used to improve appliance and equipment energy efficiency programmes. The workshop is supported by SEAD and 4E and will cover approaches that can enhance programme development, improve compliance mechanisms and promote consumer awareness.

LEARN MORE AND REGISTER

“A decarbonization pathway with a strong focus on energy efficiency offers much greater flexibility in decarbonizing the energy supply as well as significant societal cost savings up to 2030.”

Fraunhofer ISI 2015



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